Index of Claims

| App | lication | /Contro | ol No. |
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09/492,373

Examiner

Callie E. Shosho

Applicant(s)/Patent under Reexamination

HORIKOSHI ET AL.

Art Unit

1714

| <b>√</b> | Rejected |
|----------|----------|
| _        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| 01        | aim        | Date         |               | Claim   |              |                    |          |                     |           |         |          | ٦ .                  |        |                    |                 |            |           |                 |   |   |            |          |              |          |          |             |                   |           |
|-----------|------------|--------------|---------------|---------|--------------|--------------------|----------|---------------------|-----------|---------|----------|----------------------|--------|--------------------|-----------------|------------|-----------|-----------------|---|---|------------|----------|--------------|----------|----------|-------------|-------------------|-----------|
| Cli       | aim<br>T   | _            |               |         |              | Claim Date         |          |                     |           |         |          |                      |        | -                  | Cla             | Date       |           |                 |   |   |            |          |              |          |          |             |                   |           |
| Final     | Original   | 9/12/06      |               |         |              |                    |          |                     |           | Final   | Original |                      |        |                    |                 |            |           |                 |   | Final   | Original   |          |              |          |          |             |                   |           |
|           | ①          | √            |               | T       |              | $\top$             |          |                     |           |         | 51       | $\vdash$             | +      | †                  | H               |            |           |                 | ┪ |   | 101        | _        | +            | -        | $\vdash$ | $\vdash$    | $\dashv$          | $\dashv$  |
|           | ×          |              |               |         |              |                    |          |                     | 1         |         | 52       |                      |        |                    |                 |            |           |                 | 1 |   | 102        |          | T            |          |          | П           | $\Box$            |           |
|           | 8          |              |               |         |              |                    |          |                     |           |         | 53       |                      |        |                    | П               |            |           |                 | 1 |   | 103        |          | 1            |          |          | П           |                   |           |
|           | 4          | ✓            |               |         |              |                    |          |                     |           |         | 54       |                      |        |                    |                 |            |           |                 |   |   | 104        |          | 1            | Т        |          | П           |                   |           |
|           | 18         |              |               |         | L            |                    |          |                     |           |         | 55       |                      |        |                    |                 |            |           |                 |   |   | 105        |          | T            |          | П        | П           | T                 |           |
|           | 6_         | ✓            |               | ↓       |              |                    |          |                     |           |         | 56       |                      |        |                    |                 |            |           |                 |   |   | 106        |          |              |          |          | П           | П                 |           |
|           | 7          | ✓            |               | _       | ┵            | L.                 | 丄        | $\Box$              | _         |         | 57       | Ш                    |        |                    |                 |            |           |                 |   |   | 107        |          |              |          |          |             | $\Box$            |           |
|           | 8          |              | oxdot         |         | 1            | _                  | _        | $\Box$              | _         |         | 58       | Ш                    |        |                    |                 |            |           |                 | ] | $ldsymbol{le}}}}}}$ | 108        |          |              |          |          |             |                   |           |
|           | 9          | ✓            |               | _       | _            | _                  | <u> </u> | $\Box$              |           |         | 59       | Ш                    |        |                    |                 |            | Ш         |                 | 1 |   | 109        |          |              |          |          |             |                   |           |
|           | 10         | √            |               | 1       | _            | <b>.</b>           | <b> </b> | $\Box$              |           | L       | 60       | Ш                    |        | 1_                 |                 |            |           |                 | 1 |   | 110        |          | $\perp$      | $\perp$  | Ш        | Ш           |                   |           |
| -         | 1          | _            |               | ╄       | $\perp$      | _                  | _        |                     |           |         | 61       | Ш                    |        | <u> </u>           | Ш               |            | Щ         |                 | 1 |   | 111        | $\bot$   |              | L        | Ш        | Ш           |                   |           |
| ļ         | 38         |              | <u> </u>      | $\perp$ | -            | 1                  | ऻ        |                     | _         |         | 62       | $\sqcup$             | $\bot$ | $\perp$            | Ш               | Ш          | Ш         |                 | 4 |   | 112        | $\perp$  | _            | <u> </u> | Ш        | Ш           | $\dashv$          | _         |
|           | 73         | _            | $\vdash$      | +-      | +            | +-                 | $\vdash$ | $\vdash \downarrow$ |           |         | 63       | $\vdash$             | -      | $\perp$            | Ш               |            | $\square$ |                 | 4 | L   | 113        |          | $\perp$      | ↓_       | $\sqcup$ | Ш           |                   | _         |
|           | <b>(4)</b> | 7            | ⊢-            | +       |              | +                  | $\vdash$ | $\dashv$            |           |         | 64       |                      | +      | ┿                  |                 | _          | $\dashv$  |                 | 4 |   | 114        |          | +            | _        | Ш        | $\square$   | $\dashv$          | _         |
|           | 15         | +            |               | +       | +            | -                  | -        |                     | _         | -       | 65       | $\vdash$             | +      | +                  | $\vdash \vdash$ | $\sqcup$   |           | $\vdash \vdash$ | 4 | <u> </u>  | 115        | -        | +            | 4_       | Ш        | Щ           | $\dashv$          | _         |
| -         | 3          | $\downarrow$ |               | +       | +-           | +                  |          | $\vdash$            | $\dashv$  | -       | 66       | -                    |        | 4—                 | Н               | _          | -         |                 | _ | $\vdash$  | 116        |          | +            |          | -        | <del></del> | _                 | _         |
| -         |            | Y            |               | +       | ┽            | ┿                  |          | $\dashv$            |           | _       | 67       |                      |        | +-                 | Н               | _          |           |                 |   |   | 117        | -        | ╀            | -        |          | $\vdash$    | $\rightarrow$     | _         |
| -         | £ &        |              | $\vdash$      | +-      | ╁            | +                  |          | -                   | $\dashv$  |         | 68       |                      | +      | ┿                  | Н               | -          | $\vdash$  |                 | _ | L   | 118        | _        | +            | ┼        |          | $\dashv$    | $\dashv$          | _         |
| -         | 20         | <b>√</b>     | -             | +       | +            | +-                 | -        | $\dashv$            | _         |         | 69<br>70 |                      |        | ┼                  | -               |            |           |                 | - | Ш   | 119        |          | +            | $\vdash$ | Н        |             | _                 | _         |
| -         | 21         | ÷            | $\vdash$      | +       | +            | ┼                  |          | -                   | _         | -       | 71       | -                    |        | ┿                  |                 | -          |           | -               | - |   | 120        |          | +            | $\vdash$ | Н        | <del></del> | -                 |           |
| -         | 22         | +            |               | ╁       | ╁╌           | ┿                  | -        | $\dashv$            | -         |         | 72       |                      | +-     | ┿                  | Н               | $\dashv$   | $\dashv$  |                 | - | $\vdash$  | 121        |          | -            | ├        | Н        | $\dashv$    | $\dashv$          | _         |
| -         | 23         | +            |               | ┿       | +            | ╁╌                 | -        | $\dashv$            | $\dashv$  | -       | 73       | <b>-</b>             | +-     | +                  | H               | -          |           |                 | - |   | 122<br>123 | -        | +            | ╁        | H        |             | -                 |           |
|           | 24         | $\checkmark$ | -             | +       | +            | ┼                  | -        | $\dashv$            | $\dashv$  | -       | 74       | $\vdash$             | +      | +                  | Н               | -          | $\dashv$  |                 | - |   | 124        |          | +            | ╁        | Н        | <del></del> | $\dashv$          | _         |
| -         | 25         | ŏ            |               | ╁       | +            | +-                 | $\vdash$ | -                   | $\dashv$  | -       | 75       | -                    | ╅      | ╀                  | Н               | $\dashv$   |           | -               | 1 |   | 125        | +        | +            | ┼        | Н        |             |                   | _         |
| -         | 26         | _            | $\neg \vdash$ | ┿       | +            | +                  | -        |                     | $\dashv$  |         | 76       | $\vdash$             | +-     | ╁                  | Н               | $\dashv$   | $\dashv$  | $\vdash$        | 1 |   | 126        |          | +            | $\vdash$ | Н        | $\vdash$    |                   | _         |
|           | 27         |              | -             | ╁       | +            | +                  | -        | $\dashv$            | $\dashv$  |         | 77       | $\vdash$             | +      | ╁                  | -               | $\dashv$   | $\dashv$  |                 | 1 |   | 127        |          | +            | $\vdash$ | Н        |             | $\dashv$          |           |
|           | 28         | _            |               | +       | +-           | +                  |          | -                   | $\dashv$  | -       | 78       | -                    | +-     | ╁                  | Н               | $\dashv$   | -         | +               | ┨ | -   | 128        | +        | +            | $\vdash$ | $\vdash$ | $\vdash$    | _                 | _         |
|           | 29         |              |               | +       | +            | +                  |          | $\dashv$            | _         | -       | 79       | $\vdash$             | +      | +                  | Н               |            |           | +-              | ┨ |   | 129        |          | +            | ╁        | Н        | $\Box$      | _                 | _         |
|           | 30         |              |               | +-      | $\dagger$    | T                  | 1        | $\dashv$            | $\dashv$  |         | 80       | +                    | +      | +-                 | Н               |            | $\dashv$  | -               | 1 |   | 130        |          | ╁            |          | Н        | $\exists$   |                   | ┪         |
|           | 31         |              | _             | +-      | 1            | ╁-                 | H        | $\dashv$            | $\dashv$  |         | 81       | $\vdash$             | +-     | +                  | H               | $\dashv$   |           |                 | ┨ | $\vdash$  | 131        |          | +            | $\vdash$ | Н        | $\dashv$    | +                 | -         |
|           | 32         |              |               | †-      | +-           | $\dagger$          |          |                     | _         |         | 82       | $\vdash$             | $\top$ | +                  | $\vdash$        | $\dashv$   |           |                 | 1 | $\vdash$  | 132        |          | +            | +-       |          | $\dashv$    | +                 | ⊣         |
|           | 33         | _            |               | 1       | $\top$       | t                  | T        |                     | _         |         | 83       |                      | _      | T                  | П               | $\neg$     |           | +               | 1 | $\vdash$  | 133        |          | ╁            | t        | Н        | $\dashv$    | +                 | $\dashv$  |
|           | 34         |              | $\neg$        | 1       | 1            |                    |          | 寸                   | $\exists$ |         | 84       |                      | $\top$ | $\top$             | $\vdash$        |            |           | -               | 1 | $\vdash$  | 134        | $\dashv$ | $\top$       | t        | Н        | $\dashv$    | _                 | $\dashv$  |
|           | 35         |              |               | T       | 1            |                    |          |                     |           |         | 85       |                      |        | T                  | П               |            |           | $\top$          | 1 |   | 135        |          | $\top$       |          |          | $\Box$      | $\top$            | _         |
|           | 36         |              |               |         |              |                    |          | $\Box$              |           |         | 86       |                      | 1      | 1                  |                 |            | $\neg$    |                 | 1 |   | 136        | $\top$   | $\top$       | T        | П        | $\dashv$    | $\dashv$          | $\exists$ |
|           | 37         |              |               |         |              |                    |          |                     |           |         | 87       |                      |        |                    |                 |            |           |                 | 1 |   | 137        |          | 1            | Г        |          | T           | $\top$            | _         |
|           | 38         |              |               |         | $oxed{\Box}$ |                    |          |                     |           |         | 88       |                      |        |                    |                 |            |           |                 | 1 |   | 138        |          | $\top$       | Т        | П        | $\neg$      | $\neg$            | ╗         |
|           | 39         |              |               |         |              |                    |          |                     |           |         | 89       |                      |        |                    |                 |            |           |                 | 1 | $\Box$  | 139        |          | T            | 1        | П        | $\neg$      | $\neg$            | ᅥ         |
|           | 40         |              |               |         |              |                    |          |                     |           |         | 90       |                      |        |                    |                 |            |           |                 | ] |   | 140        |          | T            |          |          | ╛           | $\Box$            | ٦         |
|           | 41         |              |               | L       |              |                    |          | $\Box$              | 긔         |         | 91       |                      |        |                    |                 |            | $\Box$    |                 | ] |   | 141        |          |              | L        |          | ╗           | $\Box$            | ╛         |
|           | 42         |              | ot            | L       |              |                    |          | $\Box$              |           |         | 92       |                      |        |                    |                 |            |           |                 | ] |   | 142        |          |              | L        |          |             |                   |           |
|           | 43         |              |               | Ľ       |              | $oxedsymbol{oxed}$ |          |                     | $\Box$    |         | 93       |                      |        |                    |                 |            |           |                 | ] |   | 143        |          | $oxed{oxed}$ |          |          |             | 丁                 | ╗         |
| <u></u>   | 44         |              |               | L       |              | L                  |          | $\perp$             |           |         | 94       |                      |        |                    |                 |            |           |                 | ] |   | 144        |          | $\prod$      |          |          |             | $\Box$            |           |
|           | 45         |              |               | L       |              | $\perp$            | $\Box$   | Д                   | _         |         | 95       |                      |        |                    | $\square$       |            |           |                 | ] |   | 145        |          | Ι            | $\Box$   |          |             |                   |           |
| $\square$ | 46         |              |               | L       | $\perp$      | <u> </u>           | Ш        | _                   | _         | <u></u> | 96       | $\perp \!\!\! \perp$ |        |                    |                 |            |           |                 | ] |   | 146        |          |              | $\Box$   |          |             |                   |           |
| $\sqcup$  | 47         |              | $\perp$       | _       | _            | 1_                 | Ш        | _                   | _         |         | 97       |                      |        |                    | Ш               | $_{\perp}$ |           |                 | ] |   | 147        |          |              |          |          |             | $\Box$            |           |
|           | 48         |              | $\perp$       | L       | _            | ↓_                 |          | $\perp$             | _         | <u></u> | 98       |                      | 4      | $oxedsymbol{oxed}$ | Ш               | [          | $\perp$   | _[_             |   |   | 148        |          |              | $\Box$   | Ш        |             | $\Box \mathbb{I}$ |           |
| $\vdash$  | 49         |              |               | 上       | ╀_           | ↓_                 | Щ        | _                   | _         | <u></u> | 99       | _                    | 4_     | $oldsymbol{\perp}$ | Ш               |            | _         | _ _             |   | $oxed{oxed}$  | 149        |          |              | oxdot    | Ш        | $\Box$      | $\bot \bot$       |           |
| $\Box$    | 50         |              |               | L       |              | <u>L</u>           | Ш        | $\perp$             |           | L:      | 100      |                      |        | L                  |                 |            |           | $_{\perp}$      | J | Ш   | 150        |          |              |          | Ш        |             |                   | ╝         |